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## 5. Elections (cont.)

### Example Input File

```
2
10 104573
MARY JOE ELIZABETH GEORGE FRANK ALEX ROGER CHRIS
3000 4000 5000 6000 7000
89 435612
RALPH SUE JANICE LOU VANNA
200 300 250 175 322
```

### Example Output to Screen

```
40.0
59.6
```

**Note: these are the random numbers generated for the 10 elections in the first simulation in the input file for the given seed 104573:**

```
397 872 2827 1861 1801 1636 163 1822
 1943 111 2551 853 2716 3340 4774 1624
2101 1450 1115 2797 281 2362 1682 1350
 2106 2472 1182 3954 5030 3209 3940 3401
2256 1133 1042 2542 1186 487 1538 2818
 1845 2302 363 4873 665 2723 638 775
2604 903 2170 59 1508 148 719 1738
 2565 3537 1990 609 2482 24 368 6924
702 1377 1482 394 401 1403 2600 2083
 2544 2230 4817 676 2130 5424 3843 5752
1165 1129 2994 2809 1380 847 1045 850
 45 1002 1315 797 4067 2080 6753 2242
2169 721 2519 672 1768 2610 664 979
 2343 693 1377 478 5242 1972 5387 3891
2507 556 841 175 2040 243 2247 2537
 3197 569 3483 2141 4951 3490 6686 2426
441 1096 2159 312 928 1212 2220 2538
 792 1123 2906 3815 475 2598 2476 2970
1833 2302 2085 2554 10 728 1189 1627
 2701 1184 2172 1097 2013 946 4842 2528
```